ABSTRACT OF THE DISCLOSURE

A system for and method of analyzing the performance of a packet-switched network, the network automatically generating a traffic log each time a packet enters or exits the network and each traffic log including at least the time the traffic log was created, the addresses of the packet

5   sender and packet recipient, and the entry and exit network nodes. A server collects a plurality of traffic logs, parses the available information therein and generates a plurality of histograms, each histogram being based on information gleaned from the plurality of traffic logs. The histograms may be representative of packet traffic passing through a host connected to the network, packet traffic passing through a node in the network or the amount of data that travels

10   over a link between two nodes of the network. To increase the delivery speed of the histogram data from the server to a client, the histograms are preferably stored as flat files to achieve direct and rapid access to stored data.

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